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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

				Complete if Known	
				Application Number	10/652,864-Conf. #1487
				Filing Date	August 29, 2003
				First Named Inventor	Heinz Kohler
				Art Unit	1643
				Examiner Name	A. Gussow
Sheet	1	of	7	Attorney Docket Number	IXS-10002/49

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA*	US-6,566,338		05-20-2003	Weber et al.	
AB*	US-5,807,746		09-15-1998	Lin et al.	
AC*	US-6,620,782		09-16-2003	Cai et al.	
AD*	US-6,596,693		07-22-2003	Keana et al.	
AE*	US-6,312,694		11-06-2001	Thorpe et al.	
AF*	US-6,287,537		09-11-2001	Kaminski et al.	
AG*	US-6,426,413		07-30-2002	Wannamaker et al.	
AH*	US-6,228,603		05-08-2001	Reed et al.	
AI*	US-6,821,274		11-23-2004	McHale et al.	
AJ*	US-6,762,045		07-13-2004	Krebs et al.	
AK*	US-6,432,680		08-13-2002	Lin et al.	
AL*	US-6,248,558		06-19-2001	Lin et al.	
AM*	US-5,219,996		06-15-1993	Bodmer et al.	
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AO*	US-6,218,160		04-17-2001	Duan	
AP*	US-6,716,410		04-06-2004	Witztum et al.	
AQ*	US-6,780,605		08-24-2004	Frostegard et al.	
AR*	US-20030143226		07-31-2003	Kobayashi et al.	
AS*	US-20050033033		02-10-2005	Kohler et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
BA	WO-9620219		07-04-1996	Univ Kentucky et al.		
BB	WO-9617625		06-13-1996	Lynxvale Ltd et al.		
BC	WO-9914244		03-25-1999	Kohler Heinz		

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AT*	US-5,276,170		01-04-1994	Kirk et al.	
AU*	US-5,596,081		01-21-1997	Haley et al.	
AV*	US-5,563,046		10-08-1996	Mascarenhas et al.	
AW*	US-5,645,835		07-08-1997	Fell, Jr. et al.	
AX*	US-5,698,679		12-16-1997	Nemazee	
AY*	US-5,763,733		06-09-1998	Whitlow et al.	
AZ*	US-5,811,265		09-22-1998	Quertermous et al.	
AA1*	US-5,908,626		06-01-1999	Chang et al.	
AB1*	US-5,969,109		10-19-1999	Bona et al.	
AC1*	US-6,008,319		12-28-1999	Epstein et al.	
AD1*	US-6,117,656		09-12-2000	Seed	
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AH1*	US-6,207,804		03-27-2001	Huston et al.	
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AJ1*	US-5,314,995		05-24-1994	Fell, Jr. et al.	
AK1*	US-5,677,171		10-14-1997	Hudziak et al.	
AL1*	US-6,043,339		03-28-2000	Lin et al.	

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Binder, M., F. Otto, R. Mertelsmann, H. Veelken, and M. Trepel. "The epitope recognized by rituximab." <i>Blood</i> 2006, vol. 108, no. 6, pp.1975-1978.	
	CB	Braendstrup, P., O.W. Bjerrum, O.J. Nielsen, B.A. Jensen, N.T. Clausen, P.B. Hansen, I. Andersen, K. Schmidt, T.M. Andersen, N.A. Peterslund, H.S. Birgens, T. Plesner, B.B. Pedersen, and H.C. Hasselbalch. "Rituximab Chimeric Anti-CD20 Monoclonal Antibody Treatment for Adult Refractory Idiopathic Thrombocytopenic Purpura." <i>American Journal of Hematology</i> 2005, vol. 78, pp. 275-280.	
	CC	Burton, C., R. Kaczmarski, R. Jan-Mohamed. "Interstitial Pneumonitis Related to Rituximab Therapy." <i>The New England Journal of Medicine</i> 2003, vol. 348, no. 26, pp. 2690-2691.	
	CD	Edwards, J.C.W., L. Szczepanski, J. Szechinski, A. Filipowicz-Sosnowska, P. Emery, D.R. Close, R.M. Stevens, and T. Shaw. "Efficacy of B-Cell-Targeted Therapy with Rituximab in Patients with Rheumatoid Arthritis." <i>The New England Journal of Medicine</i> 2004, vol. 350, no. 25, pp. 2572-2581.	
	CE	Pandey, R.N., L.E. Davis, B. Anderson, and P.F. Hollenberg. "Photochemical linking of primary aromatic amines to carrier proteins to elicit antibody response against the amine haptens." <i>Journal of Immunological Methods</i> 1986, vol. 94, pp. 237-246.	
	CF	Lambris, J.D., V.S. Ganu, S. Hirani, and H.J. Muller-Eberhard. "Mapping the C3d receptor (CR2)-binding site and a neoantigenic site in the C3d domain of the third component of complement." <i>Proceedings of the National Academy of Sciences USA</i> 1985, vol. 82, pp. 4235-4239.	
	CG	Frankel, A.E. "Antibody-Toxin Hybrids: A Clinical Review of Their Use." <i>Journal of Biological Response Modifiers</i> 1985, vol. 4, pp. 437-446.	
	CH	Chaddock, J.A., L.M. Roberts, B. Jungnickel, and J. Michael Lord. "A hydrophobic region of ricin A chain which may have a role in membrane translocation can function as an efficient noncleaved signal peptide." <i>Biochemical and Biophysical Research Communications</i> 1995, vol. 217, no. 1, pp. 68-73.	
	CI	Morris, K.N. and I.G. Wool. "Analysis of the contribution of an amphiphilic α -helix to the structure and to the function of ricin A chain." <i>Proceedings of the National Academy of Sciences USA</i> 1994, vol. 91, pp. 7530-7533.	
	CJ	Kohler, H., G. Pavlinkova, K. Rajagopalan, H-T. Wang, S. Chatterjee, and B. Haley. "Specific photoaffinity-labeling locus on antibodies: use for chelation, protein conjugation and gene delivery." <i>Journal of Cellular Biochemistry Supplement</i> , Abstract T029, no. 18D, 1994, pp. 189.	

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	CK	Pavlinkova, G., K. Rajagopalan, S. Muller, A. Chavan, G. Sievert, D. Lou, C. O'Toole, B. Haley, and H. Kohler. "Site-specific photobiotinylation of immunoglobulins, fragments and light chain dimers." <i>Journal of Immunological Methods</i> 1997, vol. 201, pp. 77-88.	
	CL	Miles, E.W. and R.S. Phillips. "Photoinactivation and Photoaffinity Labeling of Tryptophan Synthase $\alpha_2\beta_2$ Complex by the Product Analogue 6-Azido-L-tryptophan." <i>Biochemistry</i> 1985, vol. 24, pp. 4694-4703.	
	CM	Rousselot, P., E. Mappus, T. Blachere, M. Rolland de Ravel, C. Grenot, C. Tonnelle, and C.Y. Cuilleron. "Specific Photoaffinity Labeling of Tyr-49 on the Light Chain in the Steroid-Combining Site of a Mouse Monoclonal Anti-Estradiol Antibody Using Two Epimeric 6 α - and 6 β -(5-Azido-2-nitrobenzoyl)amidoestradiol Photoreagents." <i>Biochemistry</i> 1997, vol. 36, pp. 7860-7868.	
	CN	Fleet, G.W.J., J.R. Knowles, and R.R. Porter. "The Antibody Binding Site: Labelling of a Specific Antibody Against the Photo-Precursor of an Aryl Nitrene." <i>Biochemistry Journal</i> 1972, vol. 128, pp. 499-508.	
	CO	Lou, D. and H. Kohler. "Enhanced molecular mimicry of CEA using photoaffinity crosslinked C3d peptide." <i>Nature Biotechnology</i> 1998, vol. 16, pp. 458-462.	
	CP	Demoliou, C.D. and R.M. Epand. "Synthesis and Characterization of a Heterobifunctional Photoaffinity Reagent for Modification of Tryptophan Residues and its Application to the Preparation of a Photoreactive Glucagon Derivative." <i>Biochemistry</i> 1980, vol. 19, pp. 4539-4546.	
	CQ	Foxwell, B.M.J., W.C.J. Ross, and P.E. Thorpe. "Antibody-Ricin Conjugates: A Method of Linkage which Blocks the Galactose Binding Site of Ricin." <i>Behring Institute Mitteilungen</i> 1984, no. 74, pp. 101-107.	
	CR	Tao, M-H. and R. Levy. "Idiotype/granulocyte-macrophage colony-stimulating factor fusion protein as a vaccine for B-cell Lymphoma." <i>Nature</i> 1993, vol. 362, pp. 755-758.	
	CS	Johnston, A., G.R. Auda, M.A. Kerr, M.W. Steward, and K. Whaley. "Dissociation of primary antigen-antibody bonds is essential for complement mediated solubilization of immune precipitates." <i>Molecular Immunology</i> 1992, vol. 29, no. 5, pp. 659-665.	
	CT	Thorpe, P.E. and W.C.J. Ross. "The Preparation and Cytotoxic Properties of Antibody-Toxin Conjugates." <i>Immunological Review</i> 1982, vol. 62 pp. 119-158.	

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	CU	Zhao, Y., T.L. Brown, H. Kohler, and S. Muller. "MTS-conjugated antiactive caspase 3 antibodies inhibit actinomycin D-induced apoptosis." <i>Apoptosis</i> 2003, vol. 8, pp. 631-637.		
	CV	Hallbrink, M., A. Floren, A. Elmquist, M. Pooga, T. Bartfai, U. Langel. "Cargo delivery kinetics of cell-penetrating peptides." <i>Biochimica et Biophysica Acta</i> 2001, vol. 1515, pp. 101-109.		
	CW	Soomets, U., M. Lindgren, X. Gallet, M. Hallbrink, A. Elmquist, L. Balaspiri, M. Zorko, M. Pooga, R. Brasseur, U. Langel. "Deletion analogues of transportan." <i>Biochimica et Biophysica Acta</i> 2000, vol. 1467, pp. 165-176.		
	CX	Fischer, P.M., N.Z. Zhelev, S. Wang, J.E. Melville, R. Fahraeus, D.P. Lane. "Structure-activity relationship of truncated and substituted analogues of the intracellular delivery vector Penetratin." <i>Journal of Peptide Research</i> 2000, vol. 55, pp. 163-172.		
	CY	Lindberg, M., J. Jarvet, U. Langel, and A. Graslund. "Secondary Structure and Position of the Cell-Penetrating Peptide Transportan in SDS Micelles As Determined by NMR." <i>Biochemistry</i> 2001, vol. 40, pp. 3141-3149.		
	CZ	Li, Y., R.V. Rosal, P.W. Brandt-Rauf, and R.L. Fine. "Correlation between hydrophobic properties and efficiency of carrier-mediated membrane transduction and apoptosis of a p53 C-terminal peptide." <i>Biochemical and Biophysical Research Communications</i> 2002, vol. 298, pp. 439-449.		
	CA1	Zanetti, M. "Antigenized antibodies." <i>Nature</i> 1992, vol. 355, pp. 476-477.		
	CB1	Zaghbani, H., S.A. Anderson, K.E. Sperber, C. Daian, R.C. Kennedy, L. Mayer, and C.A. Bona. "Induction of antibodies to the human immunodeficiency virus type 1 by immunization of baboons with immunoglobulin molecules carrying the principal neutralizing determinant of the envelope protein." <i>Proceedings of the National Academy of Science USA</i> 1995, vol. 92, pp. 631-635.		
	CC1	Kang, C., H. Cheng, S. Rudikoff, and H. Kohler. "Idiotypic self binding of a dominant germline idiotype (T15)." <i>Journal of Experimental Medicine</i> 1987, vol. 165, pp. 1332-1343.		
	CD1	Yan, X., S.V. Evans, M.J. Kaminki, S.D. Gillies, R.A. Reisfeld, A.N. Houghton, and P.B. Chapman. "Characterization of an Ig V _H Idiotope That Results in Specific Homophilic Binding and Increased Avidity for Antigen." <i>The Journal of Immunology</i> 1996, vol. 157, pp. 1582-1588.		

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	CE1	Dempsey, P.W., M.E.D. Allison, S. Akkaraju, C.C. Goodnow, D.T. Fearon. "C3d of Complement as a Molecular Adjuvant: Bridging Innate and Acquired Immunity." <i>Science</i> 1996, vol. 271, pp. 348-350.		T ²
	CF1	Antoni, G., R. Presentini, F. Perin, A. Tagliabue, P. Ghiara, S. Censini, G. Volpini, L. Villa, and D. Boraschi. "A short synthetic peptide fragment of human interleukin 1 with immunostimulatory but not inflammatory activity." <i>The Journal of Immunology</i> 1986, vol. 137, pp. 3201-3204.		
	CG1	Bhattacharya-Chatterjee, M., S. Mukerjee, W. Biddle, K.A. Foon, and H. Kohler. "Murine monoclonal anti-idiotype antibody as a potential network antigen for human carcinoembryonic antigen." <i>The Journal of Immunology</i> 1990, vol. 145, pp. 2758-2765.		
	CH1	Foon, K., M. Chakraborty, W.J. John, A. Sherratt, H. Kohler, and M. Bhattacharya-Chatterjee. "Immune Response to the Carcinoembryonic Antigen in Patients Treated with an Anti-Idiotype Antibody Vaccine." <i>Journal of Clinical Investigation</i> 1995, vol. 96, pp. 334-342.		
	CI1	Kaminski, M.S., K. Kitamura, and D.G. Maloney, and R. Levy. "Idiotype Vaccination Against Murin B cell Lymphoma. Inhibition of Tumor Immunity by Free Idiotype Protein." <i>The Journal of Immunology</i> 1987, vol. 138, pp. 1289-1296.		
	CJ1	Abaza, M. and M.Z. Atassi. "Effects of Amino Acid Substitutions Outside an Antigenic Site on Protein Binding to Monoclonal Antibodies of Predetermined Specificity Obtained by Peptide Immunization: Demonstration with Region 94-100 (Antigenic Site 3) of Myoglobin." <i>Journal of Protein Chemistry</i> 1992, vol. 11, pp. 433-444.		
	CK1	Rojas, M. S. Yao, and Y.Z. Lin. "Controlling Epidermal Growth Factor (EGF)-stimulated Ras Activation in Intact Cells by a Cell-permeable Peptide Mimicking Phosphorylated EGF Receptor." <i>The Journal of Biological Chemistry</i> 1996, vol. 271, no. 44.		
	CL1	Gerstmayer, B., U. Altenschmidt, M. Hoffman, and W. Wels. "Costimulation of T Cell Proliferation by a Chimeric B7-2 Antibody Fusion Protein Specifically Targeted to Cells Expressing the erbB2 Proto-Oncogene." <i>Journal of Immunology</i> 1997, vol. 158, pp. 4584-4590.		
	CM1	Allison, A.C. "The Mode of Action of Immunological Adjuvants." <i>Developments in Biological Standardization</i> 1998, vol. 92, pp. 3-11.		

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